



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
REGION 5  
77 WEST JACKSON BOULEVARD  
CHICAGO, IL 60604-3590

JAN 24 2014

REPLY TO THE ATTENTION OF:

WC-15J

**CERTIFIED MAIL 7009 1680 0000 7678 5792**  
**RETURN RECEIPT REQUESTED**

Ex. 6 (Personal Privacy)

Windy Ridge Dairy, LLC

Ex. 6 (Personal Privacy)

Ex. 6 (Personal Privacy)

Subject: Clean Water Act Compliance Evaluation Inspection Report

Dear

Ex. 6 (Personal Privacy)

On October 31, 2013, U.S. Environmental Protection Agency conducted an inspection of your facility, Windy Ridge Dairy, LLC in Fair Oaks, Indiana. The purpose of the inspection was to evaluate compliance with certain requirements of the Clean Water Act (CWA). Enclosed is a copy of EPA's inspection report.

Windy Ridge Dairy was determined to be a large Concentrated Animal Feeding Operation (CAFO) as defined in 40 C.F.R. § 122 at the time of the inspection. Agricultural operations, such as Windy Ridge Dairy, have been shown to be sources of pollution to local water bodies through improper management resulting in manure and process wastewater runoff at the production and land application area of the CAFO. EPA observed multiple areas of concern during the inspection. The areas of concern are noted in the inspection report. It is important to address these areas of concern as they can contribute pollutants to tributaries of the Iroquois River.

Please provide a written response to the issues identified in the report within 30 days. In your response, include a description of corrective actions taken. Please include a complete description of the rationale for Windy Ridge Dairy's calculation of land application rates. Please include a description of Windy Ridge Dairy's land application procedures. Your response should be mailed to:

Donald R. Schwer III  
Water Division, WC-15J  
U.S. EPA Environmental Protection Agency, Region 5  
77 West Jackson Boulevard  
Chicago, Illinois 60604

If you have any questions or concerns regarding this letter, or the inspection report, please contact Donald R. Schwer III at (312) 353-8752 or [schwer.don@epa.gov](mailto:schwer.don@epa.gov). Your cooperation in this matter is appreciated.

Sincerely,

A handwritten signature in dark ink, appearing to read 'R. Bahr', followed by a long horizontal line extending to the right.

Ryan Bahr, Chief, Section 2  
Water Enforcement and Compliance Assurance Branch

Enclosure

Cc: Stu Miller, Indiana Department of Environmental Management

**CWA COMPLIANCE EVALUATION INSPECTION REPORT  
U.S. ENVIRONMENTAL PROTECTION AGENCY, REGION 5**

**Purpose:** Compliance Evaluation Inspection

**Facility:** Windy Ridge Dairy  
1652 North CR 1100 West  
Fair Oaks, Indiana 47943

**NPDES Permit Number:** None

**Date of Inspection:** October 31, 2013

**EPA Representatives:** Donald R. Schwer III, Enforcement Officer  
schwer.don@epa.gov, 312-353-8752  
  
Joan Rogers, Environmental Scientist  
312-886-2785  
  
Rhiannon Dee, Program Assistant  
312-886-4882

**State Representatives:** NA

**Facility Representatives:** Ex. 6 (Personal Privacy), Crop and Manure Manager  
Ex. 6 (Personal Privacy)  
  
Ex. 6 (Personal Privacy), General Manager

**Report Prepared by:** Donald R. Schwer III, Enforcement Officer

**Report Date:** January 15, 2014

**Inspector Signature** DRS III



## 1. BACKGROUND

The purpose of this report is to describe, evaluate and document Windy Ridge Dairy's compliance with the Clean Water Act (CWA) at its Fair Oaks, Indiana facility on October 31, 2013. This inspection was performed pursuant to Section 308(a) of the Federal Water Pollution Control Act, as amended.

Windy Ridge Dairy is a Limited Liability Company (LLC) dairy operation in Jasper County, Indiana. It is owned and operated by [Ex. 6 (Personal Privacy)]. [Ex. 6 (Personal Privacy)] is the Crop and Manure Manager and [Ex. 6 (Personal Privacy)] is the General Manager. At the time of inspection, October 31, 2013, the site was at capacity with 7,000 milking and dry cows. The cattle were housed in total confinement. [Ex. 6 (Personal Privacy)] stated that the facility does not deviate significantly from the number of cattle confined at the facility year round. Windy Ridge Dairy is considered a large dairy Confined Animal Feeding Operation (CAFO) due to the number of mature dairy cows maintained on the facility. Windy Ridge Dairy does not currently have a National Pollutant Discharge Elimination System (NPDES) permit allowing discharge from the site. The facility had previously been covered under permit ING806045 issued by the Indiana Department of Environmental Management (IDEM). As of July 2012, the facility has transitioned into Indiana's Confined Feeding Operations (CFO) program.

Surface runoff from the Windy Ridge Dairy site can flow through canal/drainage ways to the Iroquois River that is approximately 1.5 miles from the facility.

## 2. SITE INSPECTION

Prior to beginning the inspection, I conducted a visual reconnaissance of the Windy Ridge Dairy site and its surroundings from the public right-of-way. This included North County Road 1100 W. During my reconnaissance, I searched for areas of environmental concern, discharges, drainage patterns, flow directions, distance and direction of nearest perennial waters, visual condition of perennial waters, facility location and layout.

I arrived at Windy Ridge Dairy at approximately 9:15 a.m. on October 31, 2013. I parked the vehicle at the facility office. The temperature was approximately 66° F and it was raining. The weather station, Rensselaer, IN US (USC00127298), in Rensselaer, IN had an observed rainfall of 0.81 in. on October 31, 2013. Upon arrival, Joan Rogers, Rhiannon Dee, and I put on disposable boots. We entered the farm office. The receptionist called [Ex. 6 (Personal Privacy)].

[Ex. 6 (Personal Privacy)] arrived and I presented my credentials to [Ex. 6 (Personal Privacy)]. I explained to [Ex. 6 (Personal Privacy)] that I would be conducting a Concentrated Animal Feeding Operation (CAFO) inspection to evaluate Windy Ridge Dairy compliance with the requirements of the CWA. I explained that the inspection would consist of a review of facility operations, required records, waste generation and management practices, and a visual inspection of the site. I stated that I would document my findings and observations by taking



photographs, obtaining statements from facility staff, and by collecting samples if necessary.

## **2.1 Interview, Nutrient Management Plan (NMP) and Records Review**

Ex. 6 (Personal Privacy) stated that the facility was at its capacity with approximately 7000 cows. The minimum number of animals since the facility opened in 1999 was approximately 3000 cows. The facility has 50-60 acres devoted to production and approximately 4,000 – 5,000 acres available for land application.

### **Livestock Waste Management**

Based on the last annual report and confirmation by Ex. 6 (Personal Privacy), Windy Ridge Dairy produces approximately 110,000,000 gallons of manure, litter, and process wastewater per year. Windy Ridge Dairy utilizes suction wagons to collect the manure, process wastewater, and used bedding in the 6 barns. This waste is transferred to the facility's digester. Windy Ridge accepts additional waste from MooTown for use in its manure digester when additional solids are needed for bedding. After digestion, the solid waste is separated by a screw press. The solids from the press are set on a concrete pad for later use as animal bedding. The concrete pad slopes toward a waste storage facility that was originally utilized as a sand separation pit. The liquid from digestion flows through a series of waste holding ponds and sand separation pits. The sand separation pits are now used for additional storage and solids settling. Not all of the waste holding ponds or sand separation pits contain depth markers. The waste storage facilities are all concrete or synthetically lined.

The cows are milked 3 times per day. Non-contact cooling water is recycled as drinking water. The milking parlor and holding pens are flushed to the manure ponds. Teat dip and foot bath chemicals are stored in the milking parlor chemical room. Waste drinking water is collected with the manure in the barns. Mortalities are picked up daily for rendering by Darling.

Feed is stored at multiple locations at the site. The facility has two silage pads on the west end of the site for silage storage. The silage pads are designed so that in low flow conditions leachate and process wastewater runoff is collected. Otherwise, the leachate and process wastewater bypasses the collection system and flows into a ditch and then into the adjacent field. Additionally, feed is stored at the northwest corner of the site and north of the large silage pad. These locations did not have a collection system for leachate or stormwater runoff.

### **Land Application**

Windy Ridge Dairy is transitioning to marketing and distributing the manure produced on site through the Indiana's CFO regulations. The facility is anticipating distributing a majority of the manure generated through this program. I observed records of manure marketing and distribution. Ex. 6 (Personal Privacy) said that Windy Ridge applied manure at plant

uptake rates. The facility is surrounded by fields that utilized the liquid manure for irrigation.

The land application records reviewed did not have documentation regarding the soil conditions or weather at the time of application. Additionally, the land application records reviewed did not provided the amount of nitrogen and phosphorus applied to the facility's fields. I obtained the following documents during the inspection:

1. IDEM Compliance Information Summary- October 22, 2009
2. Soil Test Results, Field 6, October 2, 2009
3. Manure Analysis Report, Sample ID ST-5, May 13, 2013 and June 21, 2013
4. Work Orders for Fertilizer Application, June 15, 2013 to October 18, 2013

The IDEM Compliance Information Summary document summarized the nitrogen and phosphorus application rates dependent on crop rotation and management practices. The Soil Test Results document for Field 6, dated October 2, 2009, showed an average of 323 lbs phosphorus per acre. The Manure Analysis Reports, which Ex. 6 (Personal Privacy) said were representative of the waste applied to the irrigated fields, are summarized in Table 1.

<b>Table 1: Manure Analysis Report</b>					
Sample ID: ST-5	Total Pounds Per 1000 Gallons				
Date Sampled	Total Kjeldahl Nitrogen (TKN)	Ammonium (NH <sub>4</sub> -N)	Organic Nitrogen	Phosphorus (P <sub>2</sub> O <sub>5</sub> )	Potassium (K <sub>2</sub> O)
5/13/2013	10.1	7.5	2.6	1.7	14.4
6/21/2013	13.1	9.6	3.5	3.4	16.3

The manure application records are summarized in Table 2 for the irrigation fields. The total gallons applied for the fields may be biased low due to incompleteness of records. The data recorded for applications to a combination of fields were weighted equally for both fields (i.e. if 300,000 gallons were applied to Field ID: 6 & 11, the gallons applied to Field 6 was calculated as 150,000 gallons and the gallons applied to Field 11 was calculated as 150,000 gallons). A summary of the Work Orders are located in Attachment 1. The field size was based off of documents obtained with IDEM's virtual file cabinet. The field locations and size documents are located in Attachment 2. The manure application spanned the dates of June 15, 2013 to October 18, 2013.

<b>Table 2: Land Application Records</b>			
Field ID	Field Size (Acres)	Total Gallons Applied*	Gallons per Acre
6	269	20,175,800	75,003
9	140	8,799,850	62,856
10	261	10,133,500	38,826
11	255	25,025,850	98,141
*calculated from Work Order records, actual number may differ depending on completeness of the records reviewed and collected onsite.			



Windy Ridge Dairy calculated the agronomic rates for nitrogen and phosphorus applications in its IDEM Compliance Information Summary dated October 22, 2009. The calculated agronomic rates for corn silage on an irrigated field were 245 lb plant available nitrogen (PAN) per acre and 99 lbs P<sub>2</sub>O<sub>5</sub> per acre. The calculated agronomic rates for rye on an irrigated field were 110 lb PAN per acre and 71 lbs P<sub>2</sub>O<sub>5</sub> per acre.

The nutrient application rates applied per acre of land are summarized in Table 3. The calculated rate of NH<sub>4</sub>-N applied to the fields range from 291 to 942 lbs per acre depending on the manure analysis used. The calculate rate of organic nitrogen applied to the fields ranged from 101 to 343 lbs per acre depending on the manure analysis used. The calculated rate of P<sub>2</sub>O<sub>5</sub> applied to the fields ranged from 66 to 334 lbs per acre depending on the manure analysis used. These application rates exceed the agronomic rates in many instances.

Table 3: Nutrient Application Rates*										
	Total Kjeldahl Nitrogen (TKN)		Ammonium (NH <sub>4</sub> -N)		Organic Nitrogen		Phosphorus (P <sub>2</sub> O <sub>5</sub> )		Potassium (K <sub>2</sub> O)	
	lbs per acre									
Field ID	Low	High	Low	High	Low	High	Low	High	Low	High
6	758	983	563	720	195	263	128	255	1,080	1,223
9	635	823	471	603	163	220	107	214	905	1,025
10	392	509	291	373	101	136	66	132	559	633
11	991	1,286	736	942	255	343	167	334	1,413	1,600
*The Low estimate was calculated based on the May 13, 2013 manure sample. The High estimated was calculated using the June 21, 2013 manure sample.										

Rainfall data from the weather station, USC00127298, in Rensselaer, IN which is approximately 9-10 miles southeast of the facility were correlated with the land application dates. Land application occurred on the following dates in which rainfall amounted in greater than .25 inches of rain: June 22, 2013 - .81 inches, June 25, 2013 - 0.26 inches, August 3, 2013 - 1.05 inches, September 12, 2013 - 0.93 inches, and October 4, 2013 - 0.25 inches of rain were documented. The rainfall data is exhibited as Attachment 3.

## **2.2 Walkthrough of the Facility**

To facilitate the walkthrough section of this report, overview images are included in Attachment 4 which includes building labels and waterway locations. The inspection photographs are in Attachment 5.

The walkthrough portion of the inspection began at the office. Ex. 6 (Personal Privacy) accompanied EPA on the inspection walkthrough. We drove to the center of the facility and exhibited the Manure Digester, E22, and the Dried Manure Storage Building, E24. E24 drained to the Sand Separation Device, E11. We continued to the north side of the facility. On the



northwest side of the facility, north of Waste Storage Pond, E21, there was a feed storage area. I observed that there was not containment for process wastewater at this feed storage area. The runoff from this feed storage area looked like it flowed east and north into the adjacent field. I could not discern the final disposition of the process wastewater from this feed storage area. The process wastewater appeared to be contained in the area north of the facility during this precipitation event.

We continued south toward the Silage Pad, E18. I observed another feed storage area between E21 and E18. I observed that there was not containment for process wastewater at this feed storage area. The runoff from this feed storage area flowed west into a ditch along the west end of E18 and then into Field 9 along the west end of the facility.

E18 and Silage Pad, E19, contained a leachate collection system to collect silage leachate which is transferred to the Leachate Collection Pit, E20. Ex. 6 (Personal Privacy) said the Leachate Collection Pit is pumped to the Waste Storage Pond, E21. During the rainfall event at the time of the inspection, runoff from E18 and E19 was bypassing the leachate collection system. The bypassed process wastewater flowed west from E18 and E19 into ditches adjacent to the west side of E18 and E19. Subsequently, this process wastewater runoff flowed from the ditches into Field 9 along the west end of the facility. Photographs IMGP0372- IMGP0375 and IMGP0382- IMGP0387 in Attachment 5 show the bypass of process wastewater into the ditches and into Field 9. The transfer system for silage leachate collection for E19 contained solids buildup (Attachment 5: IMGP0379 – IMGP0381). We continued around the south end of the facility and back to the office concluding the inspection walkthrough.

### **2.3 Closing Conference and Post-Inspection**

At the conclusion of the walkthrough, I summarized my findings and observations to Ex. 6 (Personal Privacy) and Ex. 6 (Personal Privacy). I expressed the following areas of concern:

1. Windy Ridge Dairy did not contain all the process wastewater generated at the Silage Pads and other feed storage areas.
2. A cursory overview of the application records indicated that Windy Ridge Dairy may be applying manure in excessive quantities to Field 6.

I explained Windy Ridge Farm's right to make a claim of business confidentiality and presented Ex. 6 (Personal Privacy) with a Confidentiality Notice. Ex. 6 (Personal Privacy) did not make any confidentiality claims at the time of the inspection. I provided Ex. 6 (Personal Privacy) with the following compliance assistance materials:

- EPA's CAFO Final Rulemaking – Fact Sheet
- NRCS EQIP program brochure
- EPA's Small Business Resources Information Sheet

The inspection ended at 2:10 p.m.

### **3. AREAS OF CONCERN**

EPA observed these areas of concern whereby pollutants have the potential to reach waters of the United States:

1. Windy Ridge Dairy did not containing all the process wastewater generated at the Silage Pads and other feed storage areas. The process wastewater could flow into ditches that flow out to Field 9. If process wastewater discharges to a Water of the United States (WOUS), it would be violation of the CWA.
2. An overview of the application records indicated that Windy Ridge Dairy may be applying manure in excessive quantities to Fields 6, 9, and 11. Additionally, manure application occurred on the same day as rainfall events. The land application records did not document soil or weather conditions at the time of application. If manure or process wastewater discharges to a WOUS due to inadequate site specific nutrient management practices, it would be a violation of the CWA.

### **LIST OF ATTACHMENTS**

1. Work Order Land Application Summary
2. Land Application Sites
3. Rainfall Data - USC00127298
4. Overview photographs of Windy Ridge Dairy
5. Inspection Photographs



ATTACHMENT 1: WORK ORDER LAND APPLICATION SUMMARY

<b>Windy Ridge Dairy- Summary of Work Orders for Fertilizer Application</b>				
Date	Total Gallons	Number of Pivot Rotations	Farm ID	Field ID
6/15/2013	3,000,000	1	WR	6
6/17/2013	1,146,500	2	WR	6
6/19/2013	3,012,200	2.5	WR	11
6/22/2013	1,494,700	1	WR	10
6/24/2013	2,617,900	2	WR	11
6/25/2013	739,600	0.5	WR	6
6/28/2013	334,900	0.5	WR	6
6/29/2013	1,477,400	4	WR	9
7/5/2013	1,802,800	4	WR	11
7/9/2013	811,300	1	WR	3
7/9/2013	746,400	4	Calf Land	-
7/10/2013	4,706,600	3	WR	11
7/11/2013	1,540,400	2	WR	6
7/13/2013	2,536,900	1.5	WR	10
7/15/2013	801,500	5	WR	9
7/17/2013	357500	-	WR	6 and 11
7/18/2013	1,141,700	6	Calf Land	-
7/24/2013	870200	-	WR	6 and 9
8/1/2013	247900	-	WR	6 and 9
8/3/2013	270000	-	WR	6 and 11
8/5/2013	1,396,700	4	WR	11
8/10/2013	1,023,500	1	WR	10
8/12/2013	816000	-	WR	6 and 9
8/15/2013	920,000	1	WR	11
8/16/2013	1,054,800	1	WR	11
8/17/2013	1315900	-	WR	6 and 9
8/21/2013	1,319,700	2	WR	11
8/24/2013	1388000	-	WR	6 and 9
9/4/2013	1,400,400	1	WR	10
9/12/2013	1847100	-	WR	6 and 9
9/23/2013	1,417,600	1	WR	11
9/24/2013	1,129,100	1	WR	11
9/25/2013	1,145,600	1	WR	11
9/26/2013	1,220,400	1	WR	11
9/27/2013	1,029,800	1	WR	11

9/28/2013	765,000	0.75	WR	11
9/30/2013	88,600	0.25	WR	11
10/1/2013	532,000	0.25	WR	6
10/1/2013	446,400	0.5	WR	11
10/2/2013	531,600	0.25	WR	6
10/2/2013	638,900	0.5	WR	11
10/3/2013	552,500	0.25	WR	6
10/4/2013	554,500	0.25	WR	6
10/4/2013	530,400	2	WR	9
10/5/2013	453,800	0.25	WR	6
10/5/2013	382,200	1	WR	9
10/7/2013	613,200	0.25	WR	6
10/7/2013	557,200	2	WR	9
10/8/2013	656,100	0.25	WR	6
10/8/2013	541,100	2	WR	9
10/9/2013	671,300	0.25	WR	6
10/9/2013	564,100	2	WR	9
10/10/2013	950,200	0.5	WR	6
10/10/2013	703,400	3	WR	9
10/11/2013	549,400	0.25	WR	6
10/12/2013	512,500	0.25	WR	6
10/12/2013	605,400	0.33	WR	10
10/14/2013	608,100	0.25	WR	6
10/14/2013	690,900	0.25	WR	10
10/15/2013	770,400	0.25	WR	6
10/15/2013	693,400	0.33	WR	10
10/16/2013	755,900	0.25	WR	6
10/16/2013	644,300	0.5	WR	10
10/17/2013	624,500	0.5	WR	6
10/17/2013	593,600	0.5	WR	10
10/18/2013	522,100	0.25	WR	6
10/18/2013	450,400	0.25	WR	10

## ATTACHMENT 2: LAND APPLICATION SITES

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### Ex. 6 (Personal Privacy)

National Pollutant Discharge Elimination System

#### Land Application Site

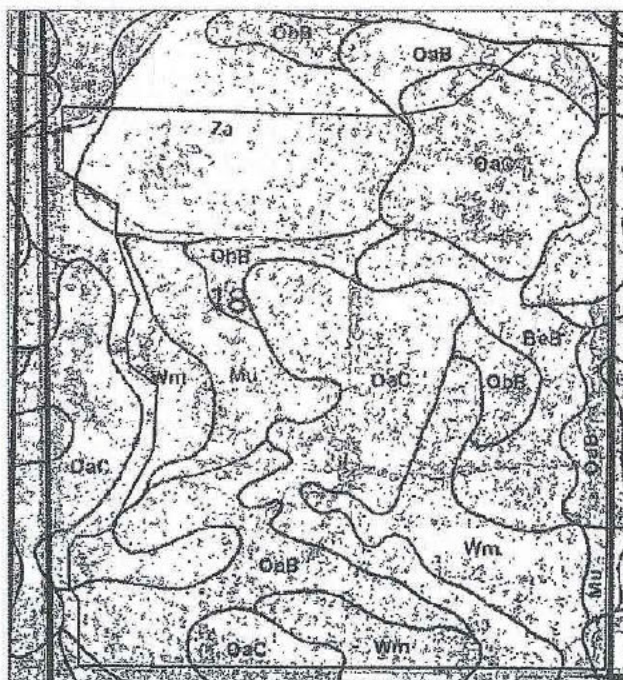
Windy Ridge Dairy

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### Ex. 6 (Personal Privacy)

Field: System 6

269 Available Acres



Scale: 1 inch = 660 feet

EarthWise, Inc.  
September 2005



**Ex. 6 (Personal Privacy)**

National Pollutant Discharge Elimination System

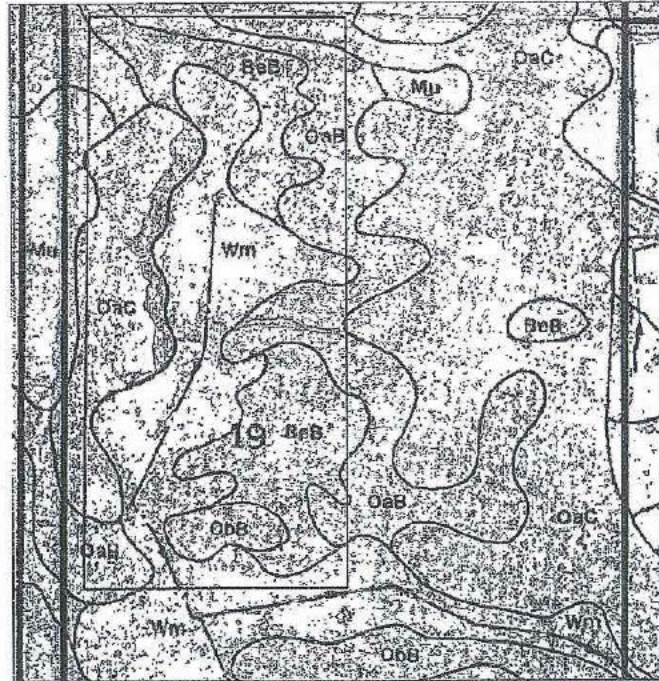
Land Application Site

Windy Ridge Dairy

**Ex. 6 (Personal Privacy)**

Field: System 9

140 Available Acres



Scale: 1 inch = 500 feet

EarthWise, Inc.  
September 2005

National Pollutant Discharge Elimination System

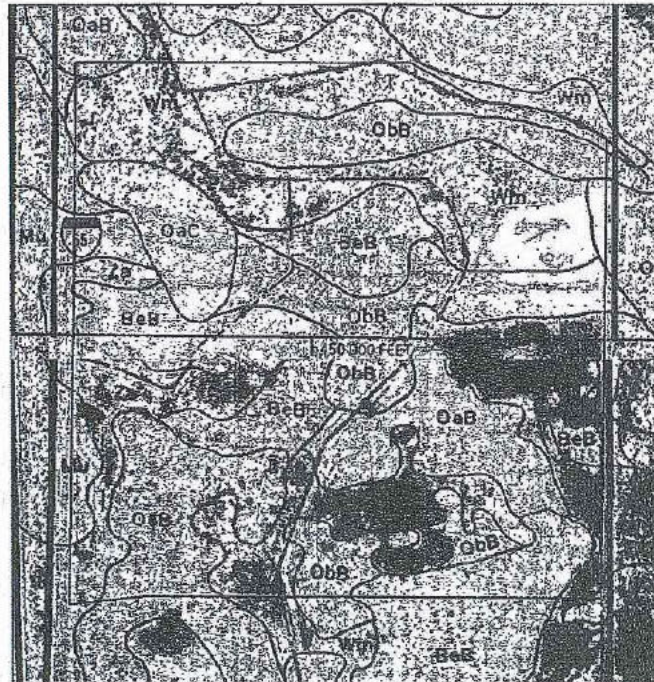
## Land Application Site

### Windy Ridge & Hidden View Dairies

### Ex. 8 (Personal Privacy)

Field: System 10

261 Available Acres



Scale: 1 inch = 660 feet

EarthWise, Inc.  
September 2005



**Ex. 6 (Personal Privacy)**

National Pollutant Discharge Elimination System

**Land Application Site**

Windy Ridge Dairy

**Ex. 6 (Personal Privacy)**

Field: System 11

255 Available Acres



Scale: 1 inch = 650 feet

EarthWeb, Inc.  
September 2005



# Attachment 3: RAINFALL DATA - USC00127298

U.S. Department of Commerce  
National Oceanic & Atmospheric Administration  
National Environmental Satellite, Data, and Information Service

## Record of Climatological Observations

These data are quality controlled and may not be identical to the original observations.

12/12/2013  
National Climatic Data Center  
Federal Building  
151 Pylon Avenue  
Arlington, North Carolina 22201  
www.ncdc.noaa.gov

Station: KENNESAW, IN US

Observation Time Period: 01/20 - 01/20

640001USC00127298  
Elev: 850 ft. Lat: 40.00° N Lon: 87.12° W

Observation Number	Year	Month	Day	Temperature (°F)		Atmospheric Pressure (in.)	Precipitation (in.)					Evaporation		Soil Temperature (°F)					
				24 hrs. ending at observation time			24 Hour Amount ending at observation time					At Obs Time	24 Hour Wind Movement (in)	Amount of Evap. (in)	4 in depth		8 in depth		
				Max.	Min.		Rain, excl. snow, etc. (in)	Ice (in)	Snow, ice pellets, hail, sleet (in)	Trace (in)	Ground Cover (see 7)				Max.	Min.	Ground Cover (see 7)	Max.	Min.
2013	6	1	78	63	30.8	2.56	0.0	0											
2013	6	2	76	70	30.3	8.00	0.0	0											
2013	6	3	68	69	30.1	0.00	0.0	0											
2013	6	4	68	68	30.2	0.00	0.0	0											
2013	6	5	74	64	30.0	0.00	0.0	0											
2013	6	6	72	61	30.0	0.00	0.0	0											
2013	6	7	76	68	30.0	0.00	0.0	0											
2013	6	8	78	69	30.0	0.00	0.0	0											
2013	6	9	85	70	30.0	0.00	0.0	0											
2013	6	10	83	63	30.0	0.13	0.0	0											
2013	6	11	81	61	30.0	0.30	0.0	0											
2013	6	12	87	66	30.0	0.31	0.0	0											
2013	6	13	82	60	30.0	1.81	0.0	0											
2013	6	14	74	64	30.0	0.30	0.0	0											
2013	6	15	79	58	30.0	0.30	0.0	0											
2013	6	16	70	60	30.0	0.00	0.0	0											
2013	6	17	82	64	30.0	3.00	0.0	0											
2013	6	18	81	64	30.0	0.00	0.0	0											
2013	6	19	80	68	30.0	0.00	0.0	0											
2013	6	20	81	68	30.0	0.00	0.0	0											
2013	6	21	89	68	30.0	0.00	0.0	0											
2013	6	22	89	70	30.0	0.00	0.0	0											
2013	6	23			30.0	0.00	0.0	0											
2013	6	24			30.0	0.00	0.0	0											
2013	6	25	86	76	30.0	0.00	0.0	0											
2013	6	26	86	67	30.0	0.11	0.0	0											
2013	6	27	82	67	30.0	0.00	0.0	0											
2013	6	28	80	60	30.0	0.00	0.0	0											
2013	6	29	89	83	30.0	0.00	0.0	0											
2013	6	30	83	64	30.0	0.00	0.0	0											
2013	6	31			30.0	0.00	0.0	0											
Summary	2013				30.0	6.94	0.0	0											

# Record of Climatological Observations

These data are quality controlled and may not be identical to the original observations.

12/02/2013  
National Climatic Data Center  
Federal Building  
551 Patton Avenue  
Asheville, North Carolina 28201  
www.ncei.noaa.gov

Station: KENNELCAMP, WIS

Observation Time: 0730

0100001000100000  
Elev: 120 ft. Lat: 40.04° N Lon: 87.11° W

P r e c i p i t a t i o n s	T e m p e r a t u r e	W i n d S p e e d	W e a t h e r	D a t e	Temperature (°F)		H e a t I n d e x	Precipitation (in)					Evaporation		Soil Temperature (°F)					
					24 hr. ending at observation time			24 Hour Amounts ending at observation time					At Obs Time		4 in depth					
					Max.	Min.		Rain, melted snow, etc. (in)	Fall, ice, etc. (in)	Snow, ice pellets, hail, etc. (in)	Fall, ice, etc. (in)	Snow, ice pellets, hail, etc. on ground (in)	24 Hour Wind Movement (in)	Amount of Evap. (in)	Ground Cover (dec)	Max.	Min.	Ground Cover (dec)	Max.	Min.
2013	8	1		12	58	64	0.01	0.01												
2013	8	2		13	57	58	0.01	0.01												
2013	8	3		14	55	53	0.01	0.01												
2013	8	4		15	51	54	0.01	0.01												
2013	8	5		16	49	59	0.01	0.01												
2013	8	6		17	45	63	0.01	0.01												
2013	8	7		18	40	68	0.01	0.01												
2013	8	8		19	34	74	0.01	0.01												
2013	8	9		20	27	81	0.01	0.01												
2013	8	10		21	20	88	0.01	0.01												
2013	8	11		22	13	95	0.01	0.01												
2013	8	12		23	6	102	0.01	0.01												
2013	8	13		24	-1	109	0.01	0.01												
2013	8	14		25	-7	115	0.01	0.01												
2013	8	15		26	-13	121	0.01	0.01												
2013	8	16		27	-19	127	0.01	0.01												
2013	8	17		28	-25	133	0.01	0.01												
2013	8	18		29	-31	139	0.01	0.01												
2013	8	19		30	-37	145	0.01	0.01												
2013	8	20		31	-43	151	0.01	0.01												
2013	8	21		1	-49	157	0.01	0.01												
2013	8	22		2	-55	163	0.01	0.01												
2013	8	23		3	-61	169	0.01	0.01												
2013	8	24		4	-67	175	0.01	0.01												
2013	8	25		5	-73	181	0.01	0.01												
2013	8	26		6	-79	187	0.01	0.01												
2013	8	27		7	-85	193	0.01	0.01												
2013	8	28		8	-91	199	0.01	0.01												
2013	8	29		9	-97	205	0.01	0.01												
2013	8	30		10	-103	211	0.01	0.01												
2013	8	31		11	-109	217	0.01	0.01												
2013	8	32		12	-115	223	0.01	0.01												
2013	8	33		13	-121	229	0.01	0.01												
2013	8	34		14	-127	235	0.01	0.01												
2013	8	35		15	-133	241	0.01	0.01												
2013	8	36		16	-139	247	0.01	0.01												
2013	8	37		17	-145	253	0.01	0.01												
2013	8	38		18	-151	259	0.01	0.01												
2013	8	39		19	-157	265	0.01	0.01												
2013	8	40		20	-163	271	0.01	0.01												
2013	8	41		21	-169	277	0.01	0.01												
2013	8	42		22	-175	283	0.01	0.01												
2013	8	43		23	-181	289	0.01	0.01												
2013	8	44		24	-187	295	0.01	0.01												
2013	8	45		25	-193	301	0.01	0.01												
2013	8	46		26	-199	307	0.01	0.01												
2013	8	47		27	-205	313	0.01	0.01												
2013	8	48		28	-211	319	0.01	0.01												
2013	8	49		29	-217	325	0.01	0.01												
2013	8	50		30	-223	331	0.01	0.01												
2013	8	51		31	-229	337	0.01	0.01												
2013	8	52		32	-235	343	0.01	0.01												
2013	8	53		33	-241	349	0.01	0.01												
2013	8	54		34	-247	355	0.01	0.01												
2013	8	55		35	-253	361	0.01	0.01												
2013	8	56		36	-259	367	0.01	0.01												
2013	8	57		37	-265	373	0.01	0.01												
2013	8	58		38	-271	379	0.01	0.01												
2013	8	59		39	-277	385	0.01	0.01												
2013	8	60		40	-283	391	0.01	0.01												
2013	8	61		41	-289	397	0.01	0.01												
2013	8	62		42	-295	403	0.01	0.01												
2013	8	63		43	-301	409	0.01	0.01												
2013	8	64		44	-307	415	0.01	0.01												
2013	8	65		45	-313	421	0.01	0.01												
2013	8	66		46	-319	427	0.01	0.01												
2013	8	67		47	-325	433	0.01	0.01												
2013	8	68		48	-331	439	0.01	0.01												
2013	8	69		49	-337	445	0.01	0.01												
2013	8	70		50	-343	451	0.01	0.01												
2013	8	71		51	-349	457	0.01	0.01												
2013	8	72		52	-355	463	0.01	0.01												
2013	8	73		53	-361	469	0.01	0.01												
2013	8	74		54	-367	475	0.01	0.01												
2013	8	75		55	-373	481	0.01	0.01												
2013	8	76		56	-379	487	0.01	0.01												
2013	8	77		57	-385	493	0.01	0.01												
2013	8	78		58	-391	499	0.01	0.01												
2013	8	79		59	-397	505	0.01	0.01												
2013	8	80		60	-403	511	0.01	0.01												
2013	8	81		61	-409	517	0.01	0.01												
2013	8	82		62	-415	523	0.01	0.01												
2013	8	83		63	-421	529	0.01	0.01												
2013	8	84		64	-427	535	0.01	0.01												
2013	8	85		65	-433	541	0.01	0.01												
2013	8	86		66	-439	547	0.01	0.01												
2013	8	87		67	-445	553	0.01	0.01												
2013	8	88		68	-451	559	0.01	0.01												
2013	8	89		69	-457	565	0.01	0.01												
2013	8	90		70	-463	571	0.01	0.01												
2013	8	91		71	-469	577	0.01	0.01												
2013	8	92		72	-475	583	0.01	0.01												
2013	8	93		73	-481	589	0.01	0.01												
2013	8	94		7																



U.S. Department of Commerce  
National Oceanic & Atmospheric Administration  
National Environmental Data Service, Data Acquisition Service

# Record of Climatological Observations These data are quality controlled and may not be identical to the original observations.

National Climatic Data Center  
Federal Building  
525 Patten Avenue  
Asheville, North Carolina 28601  
www.ncei.noaa.gov

Station: RENSELAER, IN US

Observation Time Temperature: 0730 Observation Time Precipitation: 0730

GHCHD18C0912298  
Elev: 130 ft Lat: 41.924° N Long: 87.175° W

P r e s i d e n t i a l i z e d t e m p e r a t u r e	T e m p e r a t u r e	M o n e t h	D a y	Temperature (°F)		d e v i a t i o n	Precipitation (inches)**					Evaporation		Soil Temperature (°F)					
				24 hrs. ending at observation time			24 Hour Maximum ending at observation time					At Obs Time		4 in depth					
				Max.	Min.		Rain, melted snow etc. (in)	F l o a t i n g	Snow on surface, not on ground (in)	F l o a t i n g	Snow, ice pellets, hail, etc on ground (in)	24-hour Wind Measurement (in)	maximum (°F) (in)	Ground Cover (in)		Max.	Min.	Ground Cover (in)	Max.
2013	10	1	75	43	62	3.96	0.0	0.0	0										
2013	10	2	84	65	64	3.06	0.0	0.0	0										
2013	10	3	81	61	67	1	0.0	0.0	0										
2013	10	4	81	62	69	0.25	0.0	0.0	0										
2013	10	5	86	65	71	0.09	0.0	0.0	0										
2013	10	6	80	63	65	0.24	0.0	0.0	0										
2013	10	7	86	64	64	0.04	0.0	0.0	0										
2013	10	8	87	64	65	0.03	0.0	0.0	0										
2013	10	9	77	62	63	0.30	0.0	0.0	0										
2013	10	10	84	63	67	0.00	0.0	0.0	0										
2013	10	11	78	63	68	0.00	0.0	0.0	0										
2013	10	12	76	64	62	0.00	0.0	0.0	0										
2013	10	13	76	63	69	0.00	0.0	0.0	0										
2013	10	14	87	63	62	0.00	0.0	0.0	0										
2013	10	15	89	63	66	0.00	0.0	0.0	0										
2013	10	16	81	62	62	0.00	0.0	0.0	0										
2013	10	17	81	65	68	0.00	0.0	0.0	0										
2013	10	18	84	64	65	0.11	0.0	0.0	0										
2013	10	19	88	64	69	0.14	0.0	0.0	0										
2013	10	20	88	65	71	0.00	0.0	0.0	0										
2013	10	21	87	61	63	0.00	0.0	0.0	0										
2013	10	22	89	65	67	0.00	0.0	0.0	0										
2013	10	23	88	67	68	0.40	0.0	0.0	0										
2013	10	24	88	62	62	0.00	0.0	0.0	0										
2013	10	25	83	65	66	0.00	0.0	0.0	0										
2013	10	26	81	67	68	0.00	0.0	0.0	0										
2013	10	27	80	69	69	0.00	0.0	0.0	0										
2013	10	28	88	68	69	0.39	0.0	0.0	0										
2013	10	29	83	65	65	0.00	0.0	0.0	0										
2013	10	30	87	65	68	0.00	0.0	0.0	0										
2013	10	31	84	63	61	0.01	0.0	0.0	0										
Summary (01.1)				81.4		2.69	0.0												

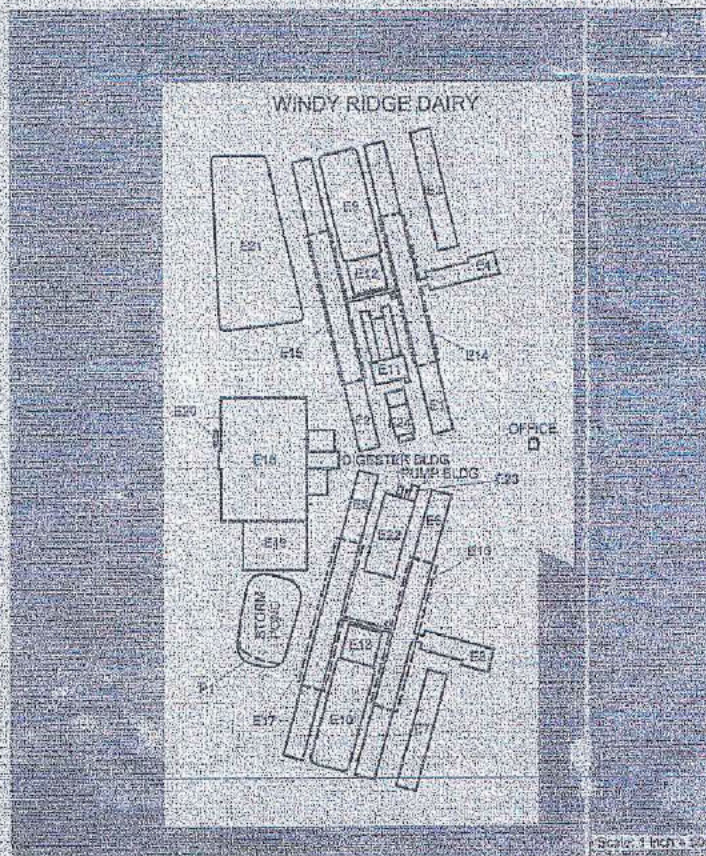
101-101 is Preliminary indicates the data have not completed processing and quality control and may not be identical to the original observation.  
Empty, or blank, cells indicate that a data observation was not reported.  
\*Ground cover: 1=heavy; 2=light; 3=trace; 4=none; 5=none; 6=none; 7=none; 8=none; 9=none; 10=none; 11=none; 12=none; 13=none; 14=none; 15=none; 16=none; 17=none; 18=none; 19=none; 20=none; 21=none; 22=none; 23=none; 24=none; 25=none; 26=none; 27=none; 28=none; 29=none; 30=none; 31=none; 32=none; 33=none; 34=none; 35=none; 36=none; 37=none; 38=none; 39=none; 40=none; 41=none; 42=none; 43=none; 44=none; 45=none; 46=none; 47=none; 48=none; 49=none; 50=none; 51=none; 52=none; 53=none; 54=none; 55=none; 56=none; 57=none; 58=none; 59=none; 60=none; 61=none; 62=none; 63=none; 64=none; 65=none; 66=none; 67=none; 68=none; 69=none; 70=none; 71=none; 72=none; 73=none; 74=none; 75=none; 76=none; 77=none; 78=none; 79=none; 80=none; 81=none; 82=none; 83=none; 84=none; 85=none; 86=none; 87=none; 88=none; 89=none; 90=none; 91=none; 92=none; 93=none; 94=none; 95=none; 96=none; 97=none; 98=none; 99=none; 100=none; 101=none; 102=none; 103=none; 104=none; 105=none; 106=none; 107=none; 108=none; 109=none; 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## ATTACHMENT 4: AERIAL PHOTOGRAPHS OF WINDY RIDGE DAIRY

Ex. 6 (Personal Privacy)

### FACILITY DETAIL INFORMATION



FACILITY DETAIL INFORMATION						
Label on Environmental Map	Animal Type	Number of Animals	Size of Facility	Date Constructed (or existing building)	Water Class (category of class)	Facility Description
E1	Dairy Cow	1300	Liquid	April 1999	NONE	Existing Wetland Permits Previously Approved on 3/28/99, AWR 4787
E2	Dairy Cow	1300	Liquid	April 1999	NONE	Existing Wetland Permits Previously Approved on 3/28/99, AWR 4787
E3	Dairy Cow	650	Liquid	April 1999	NONE	Existing Wetland Permits Previously Approved on 3/28/99, AWR 4787
E4	Dairy Cow	0	Liquid	April 1999	2,800 Gall/Day	Existing Wetland Permits Previously Approved on 3/28/99, AWR 4787
E5	Dairy Cow	1300	Liquid	April 1999	NONE	Existing Wetland Permits Previously Approved on 3/28/99, AWR 4787
E6	Dairy Cow	1300	Liquid	April 1999	NONE	Existing Wetland Permits Previously Approved on 3/28/99, AWR 4787
E7	Dairy Cow	650	Liquid	April 1999	NONE	Existing Wetland Permits Previously Approved on 3/28/99, AWR 4787
E8	Dairy Cow	0	Liquid	April 1999	2,800 Gall/Day	Existing Wetland Permits Previously Approved on 3/28/99, AWR 4787
E9	N/A	N/A	Liquid	April 1999	N/A	Existing Wetland Storage Pond with Flexible Liner Previously Approved on 3/28/99, AWR 4787
E10	N/A	N/A	Liquid	April 1999	N/A	Existing Wetland Storage Pond with Flexible Liner Previously Approved on 3/28/99, AWR 4787
E11	N/A	N/A	Liquid	Nov. 2001	N/A	Existing Concrete Sand Separator Device Previously Approved on 3/28/99, AWR 4787
E12	N/A	N/A	Liquid	April 1999	N/A	Existing Concrete Sand Separator Device Previously Approved on 3/28/99, AWR 4787

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FACILITY DETAIL INFORMATION						
Label on Environmental Map	Animal Type	Number of Animals	Size of Facility	Date Constructed (or existing building)	Water Class (category of class)	Facility Description
E13	N/A	N/A	Liquid	April 1999	N/A	Existing Concrete Sand Separator Device Previously Approved on 3/28/99, AWR 4787
E14	N/A	N/A	Liquid	April 1999	N/A	Existing Manure & Solid Flush System Previously Approved on 3/28/99, AWR 4787
E15	N/A	N/A	Liquid	April 1999	N/A	Existing Manure & Solid Flush System Previously Approved on 3/28/99, AWR 4787
E16	N/A	N/A	Liquid	April 1999	N/A	Existing Manure & Solid Flush System Previously Approved on 3/28/99, AWR 4787
E17	N/A	N/A	Liquid	April 1999	N/A	Existing Manure & Solid Flush System Previously Approved on 3/28/99, AWR 4787
E18	N/A	N/A	Liquid	April 1999	N/A	Existing Manure & Solid Flush System Previously Approved on 3/28/99, AWR 4787
E19	N/A	N/A	Liquid	October 2002	N/A	Existing Manure & Solid Flush System Previously Approved on 3/28/99, AWR 4787
E20	N/A	N/A	Liquid	April 1999	N/A	Existing Manure & Solid Flush System Previously Approved on 3/28/99, AWR 4787
E21	N/A	N/A	Liquid	October 2002	N/A	Existing Manure & Solid Flush System Previously Approved on 3/28/99, AWR 4787
E22	N/A	N/A	Liquid	January 2003	N/A	Existing Manure & Solid Flush System Previously Approved on 3/28/99, AWR 4787
E23	N/A	N/A	Liquid	January 2003	N/A	Existing Manure & Solid Flush System Previously Approved on 3/28/99, AWR 4787
E24	N/A	N/A	Solid	January 2003	N/A	Existing Manure & Solid Flush System Previously Approved on 3/28/99, AWR 4787

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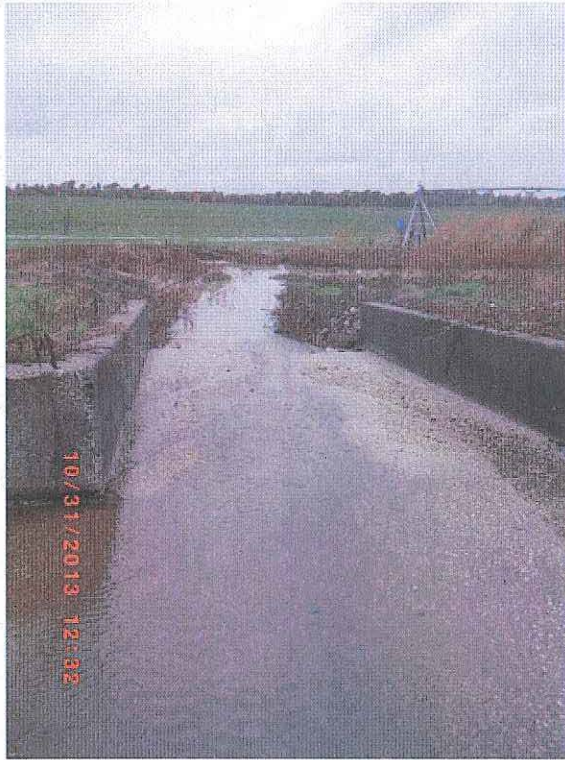
Figure 4.1: Windy Ridge Dairy Facility Layout: Note P1 is now synthetically lined and used as a waste storage pond.







## ATTACHMENT 5: INSPECTION PHOTOGRAPHS



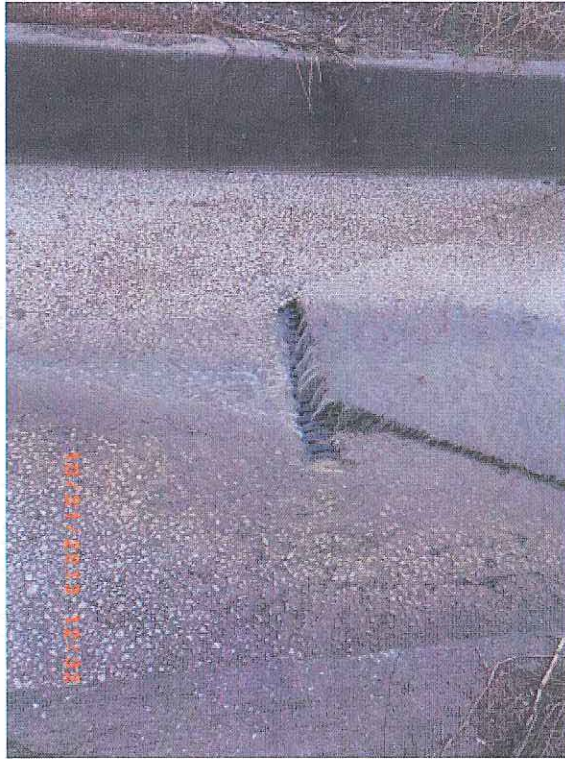
1: IMGP0372.JPG

Location: Windy Ridge Dairy

Photographer: Rhiannon Dee

Camera Direction: West

Description: On the west end of the facility, runoff from the Silage Pad, E18, flows west through this system in which the silage leachate is collected and transferred to Wastewater Storage Pond, E21. A portion of the process wastewater bypassed the collection system and flowed west from E18 into a ditch.



2: IMGP0373.JPG

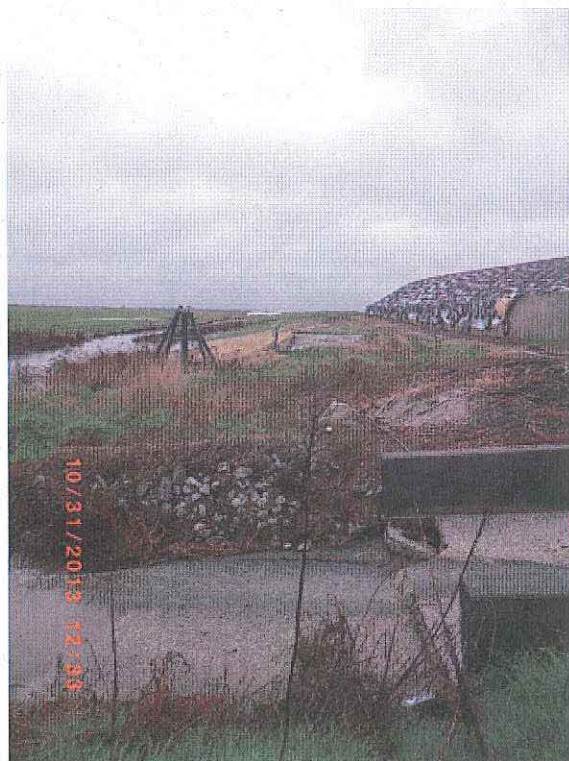
Location: Windy Ridge Dairy

Photographer: Rhiannon Dee

Camera Direction: Down

Description: On the west end of the facility, runoff from the Silage Pad, E18, flows west through a system in which the silage leachate is collected and transferred to Wastewater Storage Pond, E21. A portion of the process wastewater bypassed the perforated pipe and flowed west from E18 into a ditch adjacent to the west side of the E18. Subsequently, the bypassed process wastewater runoff flowed from the ditch into Field 9 along the west end of the facility.





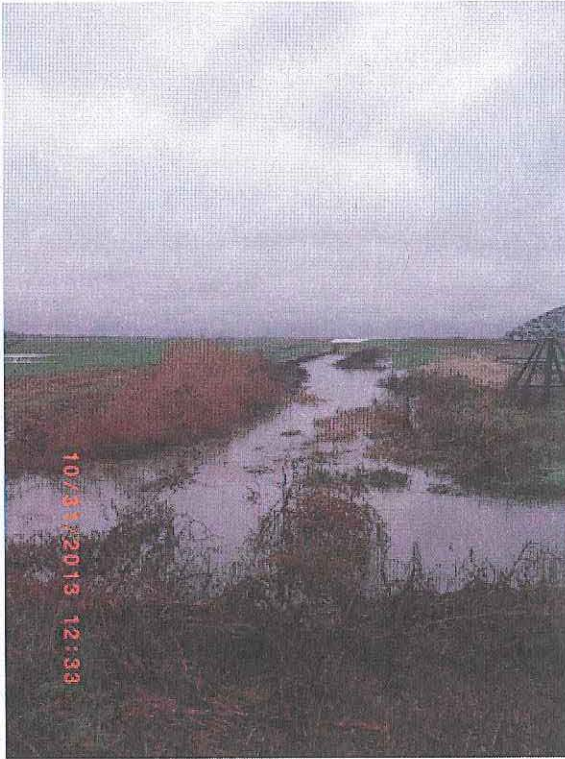
3: IMGP0374.JPG

Location: Windy Ridge Dairy

Photographer: Rhiannon Dee

Camera Direction: North

Description: A portion of the process wastewater bypassed the collection system and flowed west from E18 into a ditch adjacent to the west side of the E18. Subsequently, the bypassed process wastewater runoff flowed from the ditch into Field 9 along the west end of the facility.



4: IMGP0375.JPG

Location: Windy Ridge Dairy

Photographer: Rhiannon Dee

Camera Direction: North

Description: A portion of the process wastewater bypassed the collection system and flowed west from E18 into this ditch adjacent to the west side of the E18. The bypassed process wastewater runoff flowed north in the ditch and outlet into Field 9 along the west end of the facility.





5: IMGP0376.JPG

Location: Windy Ridge Dairy

Photographer: Rhiannon Dee

Camera Direction: Down

Description: Water was flowing out of a break in a T connection of a well pipe system located west of E18. Ex. 6 (Personal Privacy) believed that the water was being transferred through a break in an abandoned center pivot irrigation pipe located to the north of the well pipe system near the ditch adjacent to the west side of E18.



6: IMGP0377.JPG

Location: Windy Ridge Dairy

Photographer: Rhiannon Dee

Camera Direction: Down

Description: Slight oil staining near a pump near the well pipe system.





7: IMG0378.JPG

Location: Windy Ridge Dairy

Photographer: Rhiannon Dee

Camera Direction: Down

Description: The pump and well pipe system.



8: IMGP0379.JPG

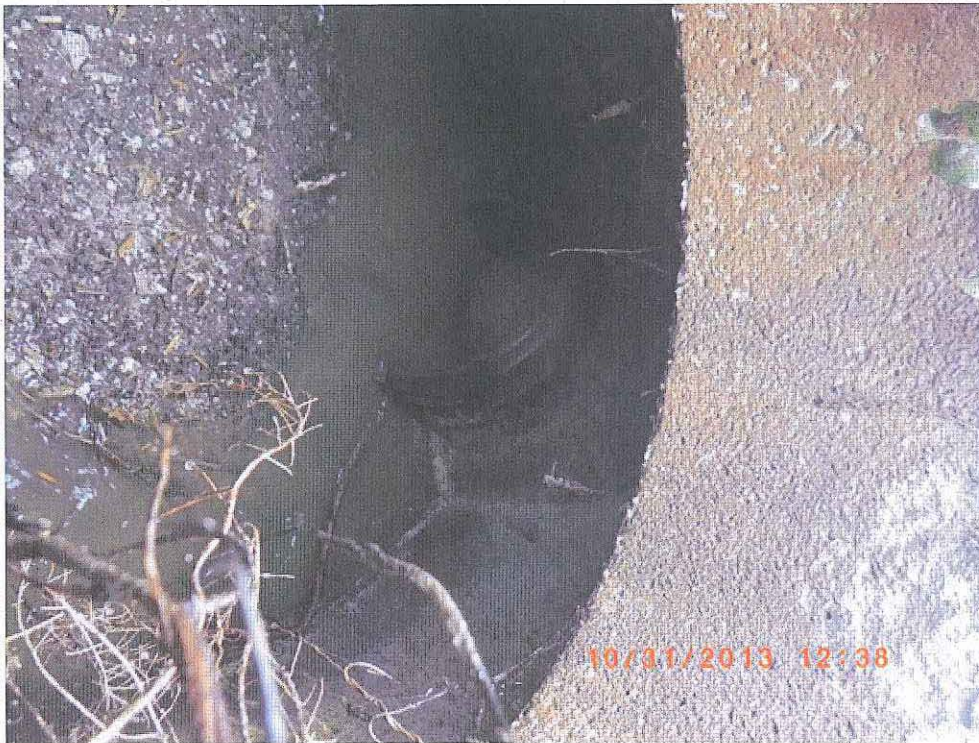
Location: Windy Ridge Dairy

Photographer: Rhiannon Dee

Camera Direction: Down

Description: Near Silage Pad, E19, a manhole in the transfer system for the silage leachate collection system contained solids buildup.





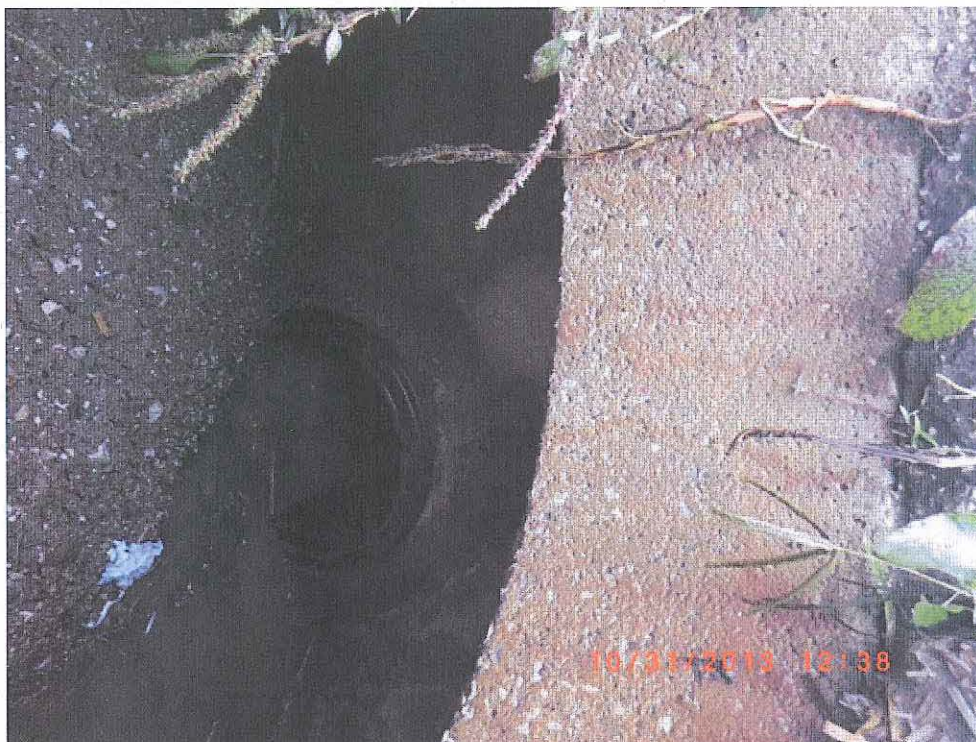
9: IMGP0380.JPG

Location: Windy Ridge Dairy

Photographer: Rhiannon Dee

Camera Direction: Down

Description: The process wastewater flows out of the pipe. The manhole in the transfer system for the silage leachate collection near Silage Pad E19 contained solids buildup.



10: IMGP0381.JPG

Location: Windy Ridge Dairy

Photographer: Rhiannon Dee

Camera Direction: Down

Description: The process wastewater flows out of the pipe. The manhole in the transfer system for the silage leachate collection near Silage Pad E19 contained solids buildup.





11: IMGP0382.JPG

Location: Windy Ridge Dairy

Photographer: Rhiannon Dee

Camera Direction: Southwest

Description: On the west end of the facility, a portion of the process wastewater from silage pad, E19, bypassed the silage leachate collection system. The bypassed process wastewater flowed west from E19 into this ditch adjacent to the west side of the E19. Subsequently, the bypassed process wastewater runoff flowed south in the ditch and west into Field 9 along the west end of the facility.





12: IMG0383.JPG

Location: Windy Ridge Dairy

Photographer: Rhiannon Dee

Camera Direction: Down

Description: Process wastewater flowed west from E19 into this ditch adjacent to the west side of the E19. The process wastewater enters the ditch near the concrete structure. Erosion had occurred due to inadequate stabilization.





13: IMGP0384.JPG

Location: Windy Ridge Dairy

Photographer: Rhiannon Dee

Camera Direction: Down

Description: Process wastewater flowed west from E19 into this ditch adjacent to the west side of the E19. The process wastewater enters the ditch near the concrete structure. Erosion had occurred due to inadequate stabilization.





14: IMGP0385.JPG

**Location:** Windy Ridge Dairy

**Photographer:** Rhiannon Dee

**Camera Direction:** West

**Description:** On the west end of the facility, runoff from the Silage Pad, E19, flows west through this system in which the silage leachate is collected with a perforated pipe near the end of the concrete structure and transferred to Wastewater Storage Pond, E21. A portion of the process wastewater bypassed the collection system and flowed west into a ditch.





15: IMGP0386.JPG

Location: Windy Ridge Dairy

Photographer: Rhiannon Dee

Camera Direction: Down

Description: On the west end of the facility, runoff from the Silage Pad, E19, flows west through a system in which the silage leachate is collected and transferred to Wastewater Storage Pond, E21. A portion of the process wastewater bypassed the perforated pipe and flowed west into the ditch adjacent to the west side of the E19.



16: IMGP0387.JPG

Location: Windy Ridge Dairy

Photographer: Rhiannon Dee

Camera Direction: Down

Description: Part of the concrete structure was dilapidated where the bypassed process wastewater entered the ditch.



**Calf Land**

**Confined Animal Feeding Operation  
Emergency Spill Response Plan**  
(Required Information)

A copy of a spill response plan must be completed, notarized and kept on file at the farm. This plan includes a copy of a faxed-out map.

SPDES-CARO Permit No. DGC003731  
Date of Approval: December 13, 2004  
County of Operation: Jasper  
Location of Operation: 1663 North 1100 West, Fair Oaks, IN 47943  
Nearest Water Body Receiving Discharge from Production Area: on-ranched tributary of Brown Creek

**CONTACT IN CASE OF EMERGENCY:**

**Ex. 6 (Personal Privacy)**  
Mailing Address of Owner: 1652 North 1100 West, Fair Oaks, IN 47943  
Business Phone: (219) 394-2259

**Ex. 6 (Personal Privacy)**  
Farmhand Manager Name: Earl Zoller  
Mailing Address: 1632 N. 1100 W., Fair Oaks, IN 47943  
Business Phone: (219) 394-2259 Home Phone: **Ex. 6 (Personal Privacy)** Cell Phone: **Ex. 6 (Personal Privacy)**

**Ex. 6 (Personal Privacy)** **Ex. 6 (Personal Privacy)** all Phone: **Ex. 6 (Personal Privacy)**

**Other Contacts and Phone Numbers:**

- County Emergency Response Director: Karen Wilson - (219) 846-1054
- USEPA Inspector: Ashley Sprake - (219) 757-0270
- County Health Department: (219) 846-4977
- IDEM Spill Line (and within 2 hrs of spill): 1 (800) 253-7745
- Downstream Water Users within 12 miles: None Known
- Neighbor Inhab. Structures, Towns & Cities: None Known
- Natural Areas: State Parks, Urban Parks, etc.: None downstream within 12 miles

**REMARKS ABOUT THE FACILITY:**

Number of Confined Animals: 5  
Maximum Capacity of Animals: 5000  
Maximum Storage Capacity (quantity in gallons or cubic feet):  
Compost Pad: 130,000 cubic feet  
Sedimentation Basin: 500,000 cubic feet

17: IMG0388.JPG

Location: Windy Ridge Dairy

Photographer: Rhiannon Dee

Camera Direction: NA

Description: Calf Land Emergency Spill Response Plan.

**Confined Animal Feeding Operation  
Emergency Spill Response Plan**  
(Required Information)

A copy of a spill response plan must be completed, maintained and kept on file at the farm. This plan includes a copy of a Spill Response Plan.

NFDES CAFO Number: IN6001532  
Date of Approval: December 13, 2004  
Location of Operation: 2563 North 1100 West, Fair Oaks, IN 47943  
Nearest Water Body Receiving Drainage from Production Area: un-named tributary of Rowan Ditch

**CONTACTS IN CASE OF EMERGENCY:**

**Ex. 6 (Personal Privacy)**  
Name: [Redacted]  
Address: [Redacted] North 1100 West, Fair Oaks, IN 47943  
Business Phone: (219) 394-2259

**Farmstead Manager Name:** Earl Zeller  
Address: 1652 N. 1100 W., Fair Oaks, IN 47943  
Business Phone: (219) 394-2259 Home Phone: [Redacted] Cell Phone: [Redacted]

**Other Employees and Phone Numbers:**

Name	Home Phone	Cell Phone	Ex. 6 (Personal Privacy)
[Redacted]	[Redacted]	[Redacted]	Ex. 6 (Personal Privacy)
[Redacted]	[Redacted]	[Redacted]	Ex. 6 (Personal Privacy)
[Redacted]	[Redacted]	[Redacted]	Ex. 6 (Personal Privacy)

**Other Contacts and Phone Numbers:**

- 1. County Emergency Response Director: Karen Wilson - (219) 866-7314
- 2. DNR Inspector: Ashley Snyder - (219) 757-0270
- 3. Indiana Health Department: (219) 866-4917
- 4. DNR Spill Line (call within 2 hrs of spill): 1 (800) 335-7745
- 5. Downstream Water Users within 10 miles: None Known
- 6. Surface Intake Structures (Travis & O'Brien): None Known
- 7. Natural Areas (State Parks, Urban Parks, etc.): None downstream within 10 miles

**DETAILS ABOUT THIS LOCATION:**

Number of Confinement Buildings: 8  
Maximum Capacity of Animals: 5000

Manure Storage Capacity (depth in gallons or cubic feet):

- ☒ Compost Pad: 18,000 cubic feet
- ☒ Solidification Basin: 594,243 cubic feet

18: IMGP0389.JPG

Location: Windy Ridge Dairy

Photographer: Rhiannon Dee

Camera Direction: NA

Description: Calf Land Emergency Spill Response Plan.